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Citation

International Multimedia Conference [> archive](#)**Proceedings of the second ACM international conference on Multimedia** [> toc](#)
1994 , San Francisco, California, United States**Capturing and playing multimedia events with STREAMS****Authors**G. Cruz
R. Hill**Sponsors**

SIGGRAPH : ACM Special Interest Group on Computer Graphics and Interactive Techniques
SIGGROUP : ACM Special Interest Group on Supporting Group Work
SIGMIS : ACM Special Interest Group on Management Information Systems
SIGMOD : ACM Special Interest Group on Management of Data
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SIGMULTIMEDIA : ACM Special Interest Group on Multimedia
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COMSOC :
SIGBIO : ACM Special Interest Group on Biomedical Computing
SIGOPS : ACM Special Interest Group on Operating Systems



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↑ ABSTRACT

STREAMS is a prototype application designed and implemented at Bellcore to support the recording and playback of technical presentations, training sessions, and meetings. During playback STREAMS lets users make choices about how the recorded information is to be presented. To further aid users, STREAMS incorporates powerful searching techniques for locating information in audio and video streams. Key features of STREAMS include storing information as separate, single-medium streams correlated with each other by time, and using digital storage to allow rapid search and random access. We describe our capture techniques, prototype STREAMS playback system and report initial results.

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Note: OCR errors may be found in this Reference List extracted from the full text article. ACM has opted to expose the complete List rather than only correct and linked references.

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↑ INDEX TERMS

Primary Classification:

H. Information Systems

↳ H.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

↳ H.5.1 Multimedia Information Systems

↳ **Subjects:** Evaluation/methodology

Additional Classification:

H. Information Systems

↳ H.3 INFORMATION STORAGE AND RETRIEVAL

↳ H.3.3 Information Search and Retrieval

↳ **Subjects:** Search process

↳ H.5 INFORMATION INTERFACES AND PRESENTATION (I.7)

↳ H.5.1 Multimedia Information Systems

↳ **Subjects:** Audio input/output; Video (e.g., tape, disk, DVI)

↳ H.5.3 Group and Organization Interfaces

↳ **Subjects:** Evaluation/methodology

General Terms:

Design, Human Factors

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